Response to Questions -City of Elk River John Karpenko to: David Domingo 11/10/2010 12:00 PM Show Details

History: This message has been replied to.

David,

The Roto-Rooter machine and a new cable were paid for 3/14/2008 at the cost of \$2500 for the machine and \$1240 for the cable, total \$3740.

I do not have the cost for the new sample point installation, but it is estimated at 2 hours of backhoe work with operator \$160, materials: 1-6-inch cross,1-8-ft riser, and 2-caps, 2-6-inch couplers \$140, labor to acquire, assemble, and install, 5 at \$25 = \$125, total estimated cost = \$425.

The question you had on page 3, regarding the citation of a reduction in TSS as a result of the installation of the dechlorinator, this should read as shown below:

 Following the installation of the dechlorinator, sampling was performed at a cleanout downstream of the original sample point which resulted in a reduction in <del>TSS</del> TRC levels. A sample point further downstream is thought to be a reasonable means to provide for additional dechlorination contact time.

Strike TSS and replace with TRC, I apologize for the error.

I will be here through 11-16, then gone 11-17 through 11-21.

John J. Karpenko P.E. Senior Project Engineer

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